

**Facing a New Future:**  
**Preparing Students for Success after High School**  
*2010 Annual Vermont Career and Technical Education Conference*  
Stowe/Flake Resort and Conference Center  
Thursday, August 12<sup>th</sup> & Friday, August 13<sup>th</sup>

**Conference Program**

***Day One: Thursday, August 12<sup>th</sup>***

- 9:00am-10:00am      ***Welcome, Opening Remarks, Opening Activity***
- 10:00am-4:00pm      ***Full Day Session***-Each session will last the entire day.  
Lunch-Sponsored by **Universal Technical Institute (UTI)**  
Afternoon Refreshments-Sponsored by **Cisco**
- 4:00pm-5:30pm      ***Network Meeting Session I*** - Best Practices and Literacy Exercises

**Options for Full Day Sessions**

**More with MAX Teaching**

THIS IS NOT POWERPOINT KARAOKE. This workshop will model a successful paradigm of constructivist staff development in content area literacy. The workshop will share a framework of instruction and classroom activities that help students become strategic users of reading and writing for the purpose of learning. The activities motivate students to actively interpret text through purposeful reading, cooperative construction of meaning, and thoughtful reflection for lasting understanding of subject matter. Classroom activities are easy for teachers to learn and employ in their classrooms.

***Todd Luke, MAX Teaching***

**Improving Writing Skills in Career and Technical High Schools**

This session will emphasize proven strategies to strengthen student writing skills and improve their understanding of course content. The presenter and co-author of the book, *Improving Student Writing Skills in Career and Technical High Schools Using the Collins Writing Program*, will provide practical, ready-to-use writing activities and strategies which can be implemented immediately in all technical and/or academic classes. Participants will discover how to use quick, easy-to-grade, topic appropriate writing assignments that will motivate and challenge your students.

***Dr. Suzanne Doherty, Collins Education Associates***

**Concept-based Curriculum Development: Beyond Knowledge and Skills to Transferable Understandings**

Daniel Pink assures us our students will need a “Whole New Mind” to succeed in the 21<sup>st</sup> Century – a conceptual mind. Our curriculum, instruction, and assessment can only prepare them for the Conceptual Age if they are concept-based. Dr. Mike Schwei is a curriculum and staff development consultant who has been working with the development of concept-based curriculum since 2005. Based on the work of H. Lynn Erickson, participants in this session will, first, actively experience concept-based curriculum and instruction in the role of secondary students applying mathematics to CTE problems found in NECAP test items. Participants will, then, begin the development of their own concept-based curriculum based on Vermont CTE competencies and standards, bridging the divide between core academic and CTE courses.

***Dr. Michael Schwei, Northwest Independent School District***

### **Entrepreneurship Education in CTE: A 21<sup>st</sup> Century Discipline for 21<sup>st</sup> Century Skills**

Would you like to inspire excitement, inquiry, and creativity in your students? How about enhancing financial literacy, post graduation success, and independence through teamwork, critical thinking, and other 21<sup>st</sup> century skills? You do a great job at educating and preparing students with the technical skills necessary to become sought-after employees. Come find out how entrepreneurship education can be incorporated into every program, in order to increase their workforce readiness, career choices, and success.

***Don Kelpinski, Vermont REAL Enterprises***

### **An Introductory Look at Conflict Management: Building Relationships**

Educators face a variety of conflicts on a daily basis. The purpose of this workshop is to build upon skills that each participant already possesses. Building on skills already in the 'toolbox', including opening up communication and adding new tools each individual will be challenged to take a look at conflict creatively. This may be a different way of looking at conflict than one has looked at conflict before! Be prepared to laugh, be active and perhaps change some perceptions! Participants can expect an active workshop with group discussion, small group interaction and group problem solving. With each skill introduced there will be practice and reflection.

***Phoebe Barash, Barash Mediation Services***

### **Success for All Students-Workshop Series**

Three separate workshops that provide knowledge and skills on how all students in your program can succeed. All three workshops will also be provided concurrently on Day 2-Friday, August 13.

#### **10:15am-11:45am- Everything You Need to Know About Special Education But Were Afraid to**

**Ask...In 90 Minutes or Less!** Are you confused about the alphabet soup associated with special education? Are you worried about how to meet the needs of kids with disabilities? Do you want to know the difference between a 504 plan, an EST plan and an IEP? If you answered yes to any of these questions, then this is the workshop for you! Vermont Department of Education (DOE) special education consultants will walk you through the answers to these questions and will provide you with guidance to help you support students with special needs. Bring your questions!

**Alicia Hanrahan and Ernie Wheeler, Vermont DOE**

#### **1:00pm-2:25pm- Developing Independent Learners Through Formative Assessment**

One of the 21st century skills that is critical to student success is the ability to be an independent learner. It is only when students fully understand your expectations that they can strive to reach those expectations. If you do not constantly check for understanding to let you and the students know where they are in relation to that expectation, how can you adjust your instruction? And finally if you do not provide appropriate feedback to your students showing them how to improve, is it fair to expect improvement? The use of formative assessment can help you guide students in becoming independent learners.

**Ken Remsen, Vermont DOE**

#### **2:35-4:00pm- Addressing Industry Standards and Workplace Skills: Universal Design for Learning in Technical Education Environments**

The demands of a technical education program are surely unique in secondary education. The industry standards and workplace skills that must be addressed and adhered to create a challenge for technical education instructors who work with students who are identified as having a disability or other students who are at-risk for school failure. After examining the construct of Universal Design for Learning (UDL), participants in this presentation will connect the principles of UDL with what is currently happening within their specific disciplines.

**Dr. Ric Reardon, Castleton State College**

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### ***Day Two: Friday, August 13<sup>th</sup>***

**8:45am-2:30pm      *Breakout Sessions*** - Each session will be 90 minutes.

#### **Options for Breakout Sessions**

#### ***CTSOs—NOW what does my director want me to do?***

**Susan Ladd, Jane Donahue-Holt, Dr. Jonathon Kaplan**

**Vermont CTSO Officers**

So your director wants you to integrate a Career and Technical Student Organizations (CTSO) into your program... "Great," you think to yourself, "Now what do I have to add into my curriculum and how will I fit it in?" Well, come to this session to see how easy it can be! Whether it's DECA, FBLA, FFA, or SkillsUSA, you'll walk out with something you can use in your program this year to help your students improve their employability skills!

### ***Getting Started on Your Good Foot: Beginning the School Year Strong***

#### **CTE Teachers**

#### **Vermont CTE Centers**

Are students swearing too much in your class? Are they doing what they want or remain wonderfully attentive during a lesson? This panel discussion will provide CTE instructors concrete classroom management tools, methods of effective discipline, and tools for motivation that will reduce the stress of teaching and prevent most classroom headaches. Panelists include instructors who will share the knowledge that they wish they knew when they started teaching!

\*This workshop is only offered from 8:45am-10:15am.

### ***The BIG Picture: CTE Program Outreach***

#### **CTE Teachers**

#### **Vermont CTE Teachers**

Have you ever wondered...how far does my CTE program extend beyond my class period? This interactive discussion panel of CTE teachers will provide examples of effective practices in CTE program outreach. Some of the topics will include reaching out to middle school students, working with program advisory boards, business relationships, sending high school relationships, working with parents, and student recruitment.

\* This workshop is only offered from 10:30am-12:00pm

### ***How to Reach ALL of Your Students- Learn by Doing: Accelerated Learning***

#### **JanTkaczyk**

#### **The Center for Accelerated Learning**

“This is Boring!” “Why do we need to learn this?” If you’ve heard this before, come to this highly interactive workshop where you will learn why some students may be failing. Accelerated learning (A.L.) is the most advanced teaching and learning method in use today. It's a total system for speeding and enhancing both the design process and the learning processes. Based on the latest brain research, it has proven again and again to increase learning effectiveness. What makes accelerated learning so effective is that it's based on the way we all naturally learn. A.L. unlocks much of our potential for learning that has been left largely untapped by most conventional learning methods. It does this by actively involving the whole person, using physical activity, creativity, music, images, color, and other methods designed to get people deeply involved in their own learning.

\*This workshop is only offered from 8:45am-10:15am and 1:00pm-2:30pm.

\*\*Sponsored by **Universal Technical Institute**

### ***Tips for Teaching Math to CTE Students***

#### **Dr. Gary Scarpello**

#### **Math Wizards at Work**

CTE teachers have a lot on their plate when it comes to delivering their core curriculum. Now with the emphasis on integrating academic math in the CTE curriculum, CTE teachers maybe feeling a bit overwhelmed by this new challenge. But fear not, here are a few techniques that may help you deliver the math component of your lab curriculum in a way that is easier for you to teach and your students to understand. The presenter’s articles from *Techniques*: “Tips for Teaching Math to CTE Students” March 2009 and “Helping Students Get Past Math Anxiety” September 2007; provide the foundation for this presentation.

### ***Developing 21<sup>st</sup> Century Employability Skills for Our Students***

#### **Jeff Limoge and Joe Teegarden**

#### **Green Mountain Technology and Career Center**

For years we have been seeking ways to assess the so-called “soft” skills. Now we face the new 21st century employability skills which are easy to list but difficult to define and assess. In order to better address these skills and include them in instructional units and reporting systems it is necessary to have a practical assessment tool. In this workshop attendees will learn about the GMTCC developed and field-tested tool that uses rubrics and an assessment system to report out skill attainment and progress. In addition, attendees will have the opportunity to review/modify the tool/rubric for their own school’s use. All attendees will leave the workshop with electronic versions of documents. Personal laptops are highly recommended but not necessary.

### ***Leveraging Test Results in the Classroom***

#### **Dr. Joe Lualhati and Claire Vincent**

#### **Global Skills X-change**

How can test results help you help your students? How can you make tests work for you? This workshop presents concepts and tools for analyzing test results that will help you: (1) build a bank of items for use in your class, (2) use

test results to better provide feedback to students, and (3) leverage test results for program improvement. The workshop's goal is to provide easy-to-use tools you can use to analyze quizzes and tests you use in the classroom, and specific techniques for interpreting and leveraging results of your analysis.

***Get Ready, Get Set: Infusing 21<sup>st</sup> Century Skills into Everything You Teach***

**Sarah Kleinman and Debbie Fajans**

**University of Vermont Extension, 4-H**

University of Vermont 4-H Positive Youth Development is a leader in developing skills through research-based, experiential education. From curriculum design to hands-on learning activities, 4-H will show you how to infuse 21st century skills necessary for youth competing in a global economy, into your existing programming, and offer resources that can enhance your classroom experience. By actively participating in this workshop, you will learn practices and activities that can encourage young minds and help to fill the pipeline of young leaders proficient in science and other inquiry skills.

***Who you are is how you teach!***

**Dwayna Covey**

**New Season Coaching**

At the end the school day do you feel energized or do you feel like you can't take another step? Join this interactive workshop to uncover your preferred ways (as well as your students') of energizing, taking in information, making decisions and approach to life. You will leave with tools and ideas to help you work as your "best self," connect with and motivate students, and how to support their post-secondary choices through personality type.

***Everything You Need to Know About Special Education But Were Afraid to Ask...In 90 Minutes or Less!***

**Alicia Hanrahan and Ernie Wheeler**

**Vermont Department of Education**

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**2:45pm-3:45pm**

***Network Meeting Session II-Strategizing Applications***

**4:00pm-4:30pm**

***Closing Remarks & Conference Evaluations***